



**pennsylvania**

DEPARTMENT OF HUMAN SERVICES  
OFFICE OF MENTAL HEALTH AND  
SUBSTANCE ABUSE SERVICES



## *Pennsylvania State Hospital Risk Management Summary and Indicator Report*

*July 2019*

Prepared by:  
Christina Sterner, M.S. CPIE  
Wernersville State Hospital  
E-Mail: [csterner@pa.gov](mailto:csterner@pa.gov)  
Contributors:  
SMH CPIEs & PI Staff  
Valerie Minnich, RPh  
September 13, 2019

## Introduction

The State Hospital Risk Management System defines an incident as any patient-related event that has the potential for, or which results in, a negative impact upon the quality of patient care or services, including injury or death of a person served in the state hospital system. Past reports can be found on the DHS website using the following link.

<http://www.dhs.pa.gov/publications/forproviders/statehospitalriskmanagementsummaryreports/>

The data dictionary for the measurement system was updated on October 1, 2008, and is available for review as attachments to OMHSAS Bulletin titled Management of Incidents: SI-815 Incident Reporting and Risk Management Policy and Procedural Change. (Available via bulletin search at <http://www.dhs.pa.gov/> .)

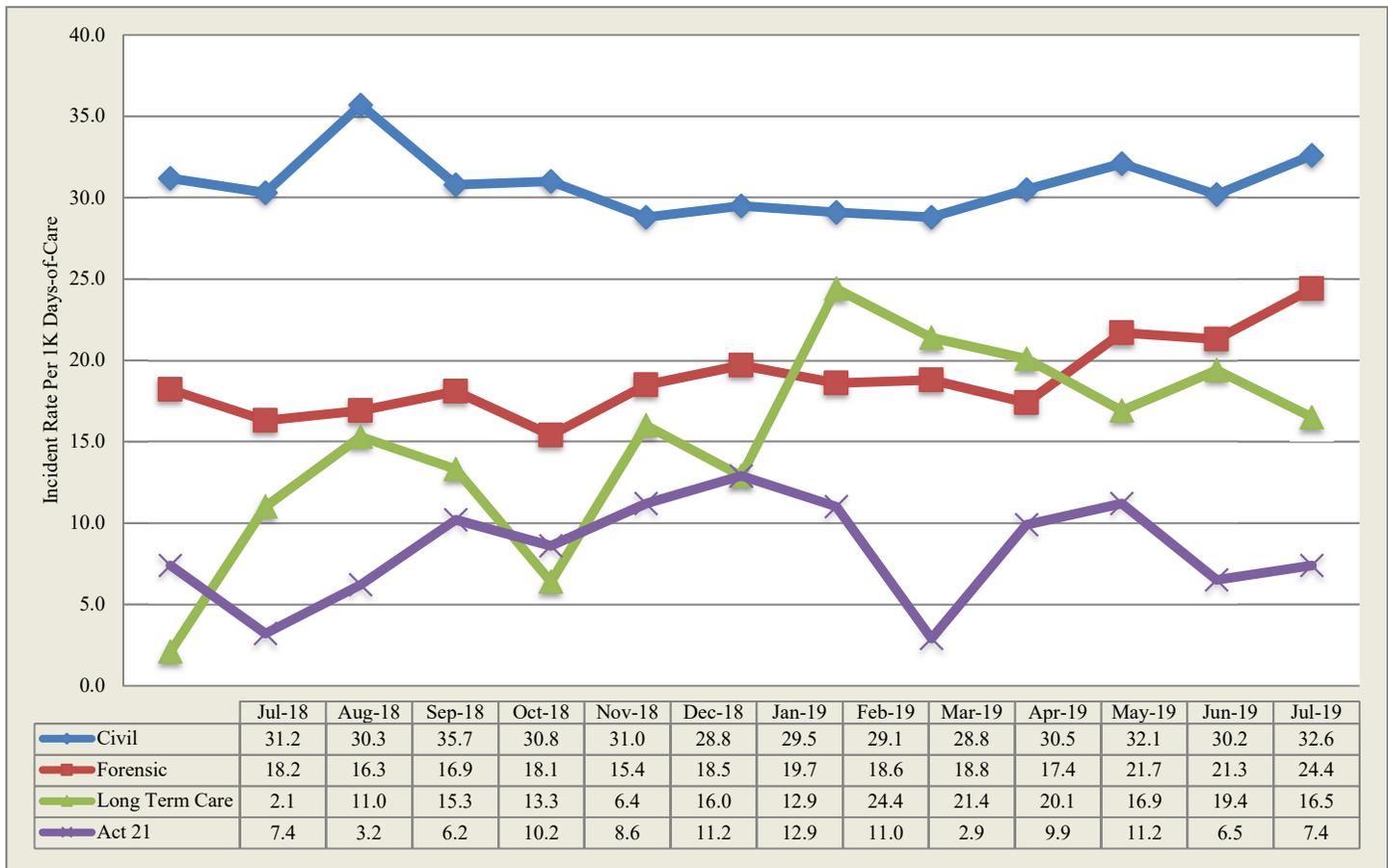
<b>Table of Contents</b>		
<b>Indicator/Measure</b>	<b>Table</b>	<b>Page</b>
<b>Risk Management Indicators</b>		
Census and Rates of Incidents	1	3
Thirteen-Month Trend of Incidents		3
Six-Month Summary of Selected Events		4
Category or Cause of Incidents: Civil	2	5
Primary Effect of Incidents: Civil	3	6
Category or Cause of Incidents: Forensic	4	7
Effect of Incidents: Forensic	5	7
Cause of Incidents: Long Term Care	6	8
Effect of Incidents: Long Term Care	7	8
Cause of Incidents: SRTP	8	9
Effect of Incidents: SRTP	9	9
13-Month Rate of Type 1 Falls per 1,000 Days of Care	10	10
13-Month Trend of Type 1 Falls		10
Hours of Seclusion Use	11	11
Number of Seclusion Events	12	11
Total Hours of Mechanical Restraint by Unit	13	11
Hours of Mechanical Restraint Use: 12 Months	14	11
Number of Mechanical Restraint Events: 12 Months	15	11
Hours of Physical Restraint Use by Unit	16	12
Hours of Physical Restraint Use: 12 Months	17	12
Number of Physical Restraint Events: 12 Months	18	12
24-Month Trend of Restraint and Seclusion Hours		13
Patient-to-Patient Assaults by Unit	19	14
13-Month Rate of Patient-to-Patient Assault Events with Injury per 1,000 Days-of-Care	20	14
Patient-to-Staff Assaults by Unit	21	15
13-Month Rate of Patient-to-Staff Assaults with Injury to Staff per 1,000 Days-of-Care	22	15
Risk Adjusted Table of Selected Safety Indicators	23	16
<b>Wellness Indicators</b>		
Tobacco Users	24	17
Reasons for Hospitalization as a Result of an Incident	25	17
<b>Medication Use Indicators</b>		
Benzodiazepines	26	18
Multiple Atypicals	27	18
Typical-Atypical	28	18
<b>STAT Medication Usage</b>		
Civil	29	19
Forensic	30	20
ACT 21 (SRTP)	31	20

During July 2019, a total of 1306 incident reports were completed by the state hospital system. Additional records addressing specific categories from the previous month were included on page 4 of this report. The following is a breakdown of incidents by individual facility and type of care:

**Table 1 - Number of Incident Reports**

	Census 7/31/2019	Days Provided	Incidents	Per 1000 Days-of-Care
Clarks Summit	149	4681	60	12.8
Danville	156	4857	163	33.6
Norristown	108	3324	105	31.6
Torrance	150	4559	125	27.4
Warren	145	4345	242	55.7
Wernersville	257	7925	272	34.3
<b>Total Civil</b>	965	29691	967	32.6
<b>Forensic</b>				
Norristown	240	7457	222	29.8
Torrance	98	3040	34	11.2
<b>Total Forensic</b>	338	10497	256	24.4
<b>Act 21</b>				
Act 21	60	1767	13	7.4
<b>Total Act 21</b>	60	1767	13	7.4
<b>Long Term Care</b>				
South Mountain	136	4236	70	16.5
<b>Total L. T. C.</b>	136	4236	70	16.5
<b>Total</b>	1499	46191	1306	28.3

**Thirteen-Month Trend of Incidents by Type of Care per 1,000 Days of Care**



\*Note: Rules regarding the reporting of incidents involving patient-to-patient assaults require a separate incident report form on each person involved in an altercation. This includes both the aggressor, when known and any other person involved. The numbers reported above reflect the monthly, total number of SI-815 reports coded as Patient-to-Patient Assaults and not the actual number of altercations.

The following table is refreshed each month from the most recent data (recent 6 month period) available from the State Hospital System RM database.

CATEGORY	Count	Feb_19	Mar_19	Apr_19	May_19	Jun_19	Jul_19
Accident-Injury	274	42	48	57	46	31	50
Adverse Drug Reaction	7	6		1			
Aggression	1119	174	161	189	182	188	225
Airway Obstruction type 1 Intervention	15	3	2	4	3	3	
Airway Obstruction type 2 No Intervention	9	1	1		3	3	1
Alleged Nonconsensual Sexual Activity	11	2	4	3	2		
Alleged Pt. Abuse	86	16	13	13	13	13	18
Alleged Suspected Criminal Act	2	1	1				
Assault, Pt./Pt	1834	252	275	277	384	286	360
Assault, Pt./Staff	418	62	53	74	80	71	78
Assault: Patient/Other	2	1	1				
AWOL/UA	49	7	7	6	8	8	13
AWOL-Attempt	36	4	8	6	6	6	6
AWOL-Late	49	3	2	4	18	10	12
Change in Medical Status-Stabilized	38	8	4	3	5	10	8
Change in Medical Status-Transferred	322	34	56	50	67	58	57
Charged post admit/crime committed prior to admit	4		1	1	2		
Charged with alleged crime off hospital grounds	5		5				
Communications Sys. Misuse	49	10	7	9	5	7	11
Community Incident	8	1	2	2	1	1	1
Contraband Possession	138	21	19	21	20	28	29
Fall Type 1-Injury with treatment	287	38	53	56	42	51	47
Fall Type 2-No treatment needed	757	119	133	129	111	125	140
Family Concern	8	3		1	2	2	
Illicit Substance Use/Possession	2		1			1	
Indeterminate/Unconfirmed Cause of Injury	112	7	20	19	19	19	28
Medication Error	104	21	17	22	18	13	13
Missing Property	28	4	2	5	6	5	6
Other	408	64	60	82	71	69	62
Procedural Treatment Error	23	1	6	5	6	4	1
Property Damage	93	15	9	11	26	19	13
Seizure	53	9	18	7	4	8	7
Self-Injurious behavior	715	104	125	97	135	139	115
Sexual Behavior	56	3	23	9	9	10	2
Smoking Violation	66	11	17	8	3	14	13
Substantiated Nonconsensual Sexual Activity	2	2					
Substantiated Patient Abuse	3	1			1		1
Suicide Attempt	9	3		3	1		2
Suicide threat/plan	25	3	6	3	4	3	6
Theft	13	2		1	1	1	8
Unsubstantiated Nonconsensual Sexual Activity	9		2	1		3	3
Unsubstantiated Patient Abuse	6	1		2	1	1	1

**Table 2 - Category or Cause of Incidents in the Civil Hospitals**

Primary Cat #	CLA	DAN	NOR	TOR	WAR	WER	Count
Accident-Injury	1	4	0	1	7	7	20
Aggression	6	16	3	40	53	46	164
Alleged Pt. Abuse	0	0	0	0	1	15	16
Assault, Pt./Pt	6	32	59	20	50	36	203
Assault, Pt./Staff	3	22	2	7	8	6	48
AWOL/UA	0	6	1	0	3	3	13
AWOL-Attempt	0	1	0	1	2	2	6
AWOL-Late	0	2	1	1	8	0	12
Change in Medical Status-Stabilized	0	0	2	3	0	1	6
Change in Medical Status-Transferred	5	13	5	4	2	13	42
Communications Sys. Misuse	4	1	3	0	3	0	11
Community Incident	0	0	0	1	0	0	1
Contraband Possession	1	1	0	3	22	1	28
Fall Type 1-Injury with treatment	6	3	4	5	2	17	37
Fall Type 2-No treatment needed	14	24	14	7	29	34	122
Indeterminate/Unconfirmed Cause of Injury	3	2	5	10	0	7	27
Medication Error	1	6	0	1	0	0	8
Missing Property	1	0	0	0	1	3	5
Other	1	2	2	4	7	36	52
Property Damage	0	5	1	2	0	1	9
Seizure	0	0	0	0	1	4	5
Self-Injurious behavior	8	21	3	7	33	27	99
Sexual Behavior	0	0	0	1	1	0	2
Smoking Violation	0	0	0	0	6	7	13
Suicide Attempt	0	0	0	2	0	0	2
Suicide threat/plan	0	1	0	2	1	0	4
Theft	0	0	0	3	1	4	8
Unsubstantiated Nonconsensual Sexual Activity	0	0	0	0	1	2	3
Unsubstantiated Patient Abuse	0	1	0	0	0	0	1
Totals	60	163	105	125	242	272	967

**Table 3 - Primary Effect of Incidents in the Civil Hospitals**

Primary effect	CLA	DAN	NOR	TOR	WAR	WER	Count
Abrasion/scrape/scratch/hematoma	9	9	15	9	23	16	81
Allergic reaction	0	0	0	0	0	2	2
Bite-Insect	0	0	0	1	0	0	1
Body System Illness	3	10	0	1	1	2	17
Bruise/contusion/discoloration	1	4	5	3	7	13	33
Death	0	0	1	0	0	0	1
Edema/swelling	2	0	2	1	4	3	12
Emesis	0	1	0	0	0	0	1
Epistaxis	0	0	0	1	0	2	3
Erythema/redness	1	0	1	7	5	5	19
Fever	1	0	0	0	0	2	3
Fracture	1	0	0	0	0	0	1
Ingestion of foreign body	0	3	0	0	0	16	19
Internal injury	0	1	0	0	0	0	1
Laceration: NO sutures/staples/steri-strips	0	4	1	3	1	2	11
Laceration: with steristrips/glue	0	0	1	0	0	1	2
Laceration: with sutures/staples	0	0	0	1	0	1	2
Lethargy	0	0	3	2	0	3	8
Muscle pull/strain/sprain	0	2	0	0	0	0	2
No Injury/NA	37	119	70	91	199	185	701
Other	0	4	0	2	0	4	10
Pain unspecified	0	0	0	0	0	1	1
Pain, Specified	4	5	4	2	2	7	24
Respiratory Distress	1	0	0	0	0	1	2
Seizure	0	0	1	0	0	5	6
Skin Irritation/Rash	0	0	0	0	0	1	1
Syncopal episode	0	1	0	1	0	0	2
Unconscious/Unresponsive	0	0	1	0	0	0	1
Totals	60	163	105	125	242	272	967

**Table 4 - Cause of Incidents in the Forensic Units Category or Cause of Incidents in the Forensic Service by Unit**

Primary Cat #	NSH									TSH					Sys
	51A1	51A2	51B1	51B2	51C1	51C2	10D1	10E1	Total	FB3	FB4	FC1	FC2	Total	Count
Accident-Injury			1						1			1		1	2
Aggression	14	5	2	2	1	2	6	6	38	1		7		8	46
Airway Obstruction type 2 No Intervention				1					1					0	1
Alleged Pt. Abuse		1					1		2					0	2
Assault, Pt./Pt	16	32	21	12	2	6	30	2	121		1		7	8	129
Assault, Pt./Staff	1	9	1	6	3		2	1	23	2	1	2		5	28
Change in Medical Status-Stabilized					1				1					0	1
Change in Medical Status-Transferred	1			2			1	1	5					0	5
Contraband Possession					1				1					0	1
Fall Type 1-Injury with treatment	1						1		2					0	2
Fall Type 2-No treatment needed	1	1						4	6		2	3		5	11
Indeterminate/Unconfirmed Cause of Injury									0			1		1	1
Medication Error	1								1					0	1
Other		4					2	1	7		1			1	8
Procedural Treatment Error				1					1					0	1
Property Damage							2		2					0	2
Seizure					1				1					0	1
Self-Injurious behavior	4	1					1	1	7			5		5	12
Suicide threat/plan			1			1			2					0	2
Totals	39	53	26	24	9	9	46	16	222	3	5	19	7	34	256

**Table 5 - Effect of Incidents in the Forensic Service by Unit**

EFFECT	NSH									TSH					Sys
	51A1	51A2	51B1	51C1	51C2	51B2	10D1	10E1	Total	FB3	FB4	FC1	FC2	Total	Count
Abrasion/scrape/scratch/hematoma	3	2	5			1	5	1	17			4		4	21
Bite-Human			1						1	1				1	2
Bruise/contusion/discoloration		2					1		3			1		1	4
Edema/swelling			1				1		2			1		1	3
Erythema/redness		2					1		3					0	3
Fracture							1		1					0	1
Laceration: NO sutures/staples/steri-strips	1				1				2			2		2	4
Laceration: with sutures/staples	1								1					0	1
No Injury/NA	31	43	17	7	8	19	28	11	164	2	5	11	5	23	187
Other						3		1	4				2	2	6
Pain unspecified		1					1		2					0	2
Pain, Specified	3	3	2			1	8	3	20					0	20
Seizure				2					2					0	2
Totals	39	53	26	9	9	24	46	16	222	3	5	19	7	34	256

**Table 6 -Cause of Incidents in the Long Term Care Facility**

Cause	3A	3B	5A	6A	6B	Count
Accident-Injury	2	10	3	4	4	23
Aggression		1	5	1		7
Assault, Pt./Pt		2	2	2		6
Assault, Pt./Staff		1	1			2
Change in Medical Status-Transferred	2	1	4	1	2	10
Fall Type 1-Injury with treatment	3	3		1		7
Fall Type 2-No treatment needed	2			3		5
Medication Error		1		3		4
Missing Property	1					1
Other		1			1	2
Property Damage	1				1	2
Substantiated Patient Abuse				1		1
Totals	11	20	15	16	8	70

**Table 7 - Effect of Incidents in the Long Term Care Facility**

EFFECT	3A	3B	5A	6A	6B	Count
Unknown				1		1
Abrasion/scrape/scratch/hematoma	1	3	1	2		7
Blister		2				2
Bruise/contusion/discoloration	2	4	2	1	3	12
Death		1			1	2
Edema/swelling		1				1
Erythema/redness	1			1		2
Laceration: NO sutures/staples/steri-strips		1				1
Laceration: with steristrips/glue		1				1
Laceration: with sutures/staples	1					1
Lethargy			3			3
No Injury/NA	5	6	8	9	2	30
Other		1	1			2
Pain, Specified	1					1
Respiratory Distress					2	2
Seizure				1		1
Sunburn				1		1
Totals	11	20	15	16	8	70

**Act-21-Sexual Responsibility & Treatment Program at Torrance State Hospital**

In July 2003, the Pennsylvania Legislature enacted Act 21 for adjudicated youth, aging out of the juvenile justice system who have a "mental abnormality" that renders them unable to control their violent sexual impulses. The Act mandates the state to provide mental health and sex-offense specific treatment to an identified population that had been adjudicated of certain sex crimes, received treatment in a juvenile program, yet remains a significant risk to sexually re-offend after reaching the age of 21, an age when oversight by the juvenile justice system typically ends. The Act requires the referral of such individuals who have committed these specific crimes to the Pennsylvania Sexual Offenders Assessment Board (SOAB) ninety days prior to their 20th birthday for purposes of determining if the individual has "serious difficulty in controlling sexually violent behavior." If so determined, a petition for a mental health hearing will be made for determination of civil commitment to the Sexual Responsibility and Treatment Program (SRTP) on the grounds of Torrance State Hospital. On July 1, 2006, the operation of this program transferred from an independent contractor to the Torrance State Hospital.

**Table 8 - Cause of Incidents in the Sexual Responsibility and Treatment Program**

Cause	TOR	Count
Accident-Injury	5	5
Aggression	2	2
Change in Medical Status-Stabilized	1	1
Fall Type 1-Injury with treatment	1	1
Fall Type 2-No treatment needed	2	2
Seizure	1	1
Self-Injurious behavior	1	1
Totals	13	13

**Table 9 - Effect of Incidents in the Sexual Responsibility and Treatment Program**

Primary effect	TOR	Count
Abrasion/scrape/scratch/hematoma	2	2
Bruise/contusion/discoloration	1	1
Damaged or lost tooth	1	1
Edema/swelling	1	1
Laceration: with steristrips/glue	1	1
No Injury/NA	5	5
Pain, Specified	1	1
Skin Irritation/Rash	1	1
Totals	13	13

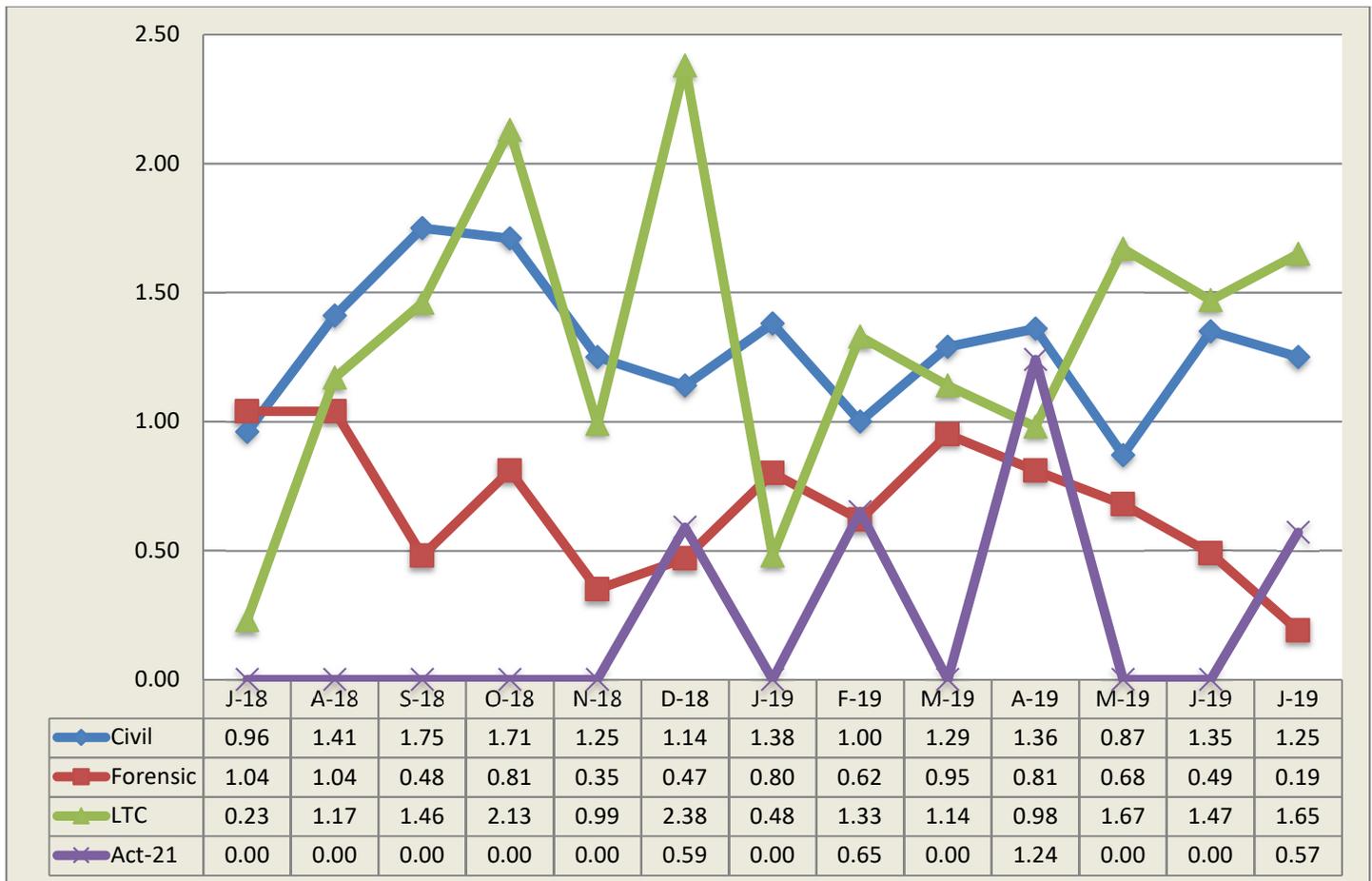
## Falls

Falls within the state hospital risk management system are divided into two categories, type 1 and type 2, with the need for medical intervention or lack thereof defining the difference. The following data relates to falls, type 1 which are defined as an involuntary descent to a lower position, excluding seizures, that is witnessed or reported and requires medical intervention.

**Table 10 - 13-Month Rate of Type 1 Falls Per 1,000 Days-of-Care**

M/Year	Civil Hospital							Forensic			A21	LTC	Sys Avg
	Cl	Dan	Nor	Tor	War	Wer	Ttl	Nor	Tor	Total	A21	SMRC	
Jul-18	0.37	1.22	1.27	0.84	0.69	1.29	0.96	1.59	0.00	1.04	0.00	0.23	0.87
Aug-18	1.11	0.61	2.21	2.06	1.14	1.56	1.41	1.41	0.33	1.04	0.00	1.17	1.26
Sep-18	1.55	0.64	1.62	3.30	0.94	2.17	1.75	0.55	0.34	0.48	0.00	1.46	1.41
Oct-18	1.14	1.84	0.00	3.02	0.93	2.36	1.71	0.54	1.32	0.81	0.00	2.13	1.51
Nov-18	1.39	0.42	1.31	2.02	1.46	1.09	1.25	0.55	0.00	0.35	0.00	0.99	1.00
Dec-18	1.15	0.41	1.59	1.92	0.46	1.31	1.14	0.72	0.00	0.47	0.59	2.38	1.10
Jan-19	1.58	0.82	2.53	1.50	1.13	1.18	1.38	1.05	0.33	0.80	0.00	0.48	1.12
Feb-19	1.35	0.00	1.76	2.19	0.46	0.73	1.00	0.92	0.00	0.62	0.65	1.33	0.94
Mar-19	1.85	1.22	1.60	1.13	0.66	1.30	1.29	1.22	0.34	0.95	0.00	1.14	1.15
Apr-19	1.95	0.42	1.31	2.31	1.39	1.06	1.36	0.58	1.36	0.81	1.24	0.98	1.20
May-19	1.67	0.20	0.92	0.67	0.91	0.88	0.87	0.68	0.66	0.68	0.00	1.67	0.87
Jun-19	2.17	0.42	2.18	2.06	1.19	0.78	1.35	0.28	1.02	0.49	0.00	1.47	1.12
Jul-19	1.28	0.62	1.20	1.10	0.46	2.15	1.25	0.27	0.00	0.19	0.57	1.65	1.02

**13-Month Trend of Type 1 Falls by Type of Care per 1,000 Days-of-Care**



**State Hospital Use of Seclusion**

**Civil and Forensic**

Data on seclusion use for psychiatric reasons includes the civil and forensic populations and is reported for both monthly and yearly totals.

**Table 11 - Hours of Seclusion Use, Monthly Totals for Past Year**

No Use of Seclusion in PA State Hospital system since July 2013

**Table 12 - Number of Seclusion Events, Monthly Totals for Past Year**

No Use of Seclusion in PA State Hospital system since July 2013

**State Hospital Use of Mechanical Restraint**

**Civil and Forensic**

Data on mechanical restraint use for psychiatric reasons includes the forensic and civil populations and is reported for both monthly and yearly totals.

**Table 13 - Total Hours of Mechanical Restraint Use by Hospital and Unit In Month**

No use of Mechanical Restraint in PA State Hospital system since September 2015

**Table 14 - Hours of Mechanical Restraint Use, Monthly Totals for Past Year**

No use of Mechanical Restraint in PA State Hospital system since September 2015

**Table 15 - Number of Mechanical Restraint Events, Monthly Totals for Past Year**

No use of Mechanical Restraint in PA State Hospital system since September 2015

**State Hospital Use of Physical Holds**

Data on physical holds use for psychiatric reasons includes all level of care populations and is reported for both monthly and yearly totals. Physical hold events lasting less than 60 seconds are reflected as 0.00 hours.

**Table 16 - Hours of Physical Holds (Restraint) Used by Hospital & Unit**

ABV	WARD	Total	ABV	WARD	Total	ABV	WARD	Total
TOR	FB4	0.30	TOR	FC1	0.08	NOR	51C1	0.04
NOR	51A1	0.29	NOR	01A1	0.08	CLA	2	0.03
TOR	014	0.22	WER	34-4	0.07	NOR	10D2	0.03
NOR	10D1	0.21	NOR	51B1	0.06	NOR	51B2	0.02
TOR	011	0.20	DAN	312	0.06	WER	35-2	0.02
DAN	212	0.15	DAN	310	0.05	NOR	10E2	0.02
TOR	063	0.15	NOR	01C2	0.05	NOR	51C2	0.01
TOR	FB3	0.15	CLA	4	0.05	NOR	01C1	0.01
NOR	51A2	0.14	NOR	10E1	0.04	DAN	311	0.01
CLA	3	0.11	WER	34-3	0.04	CLA	7	0.004

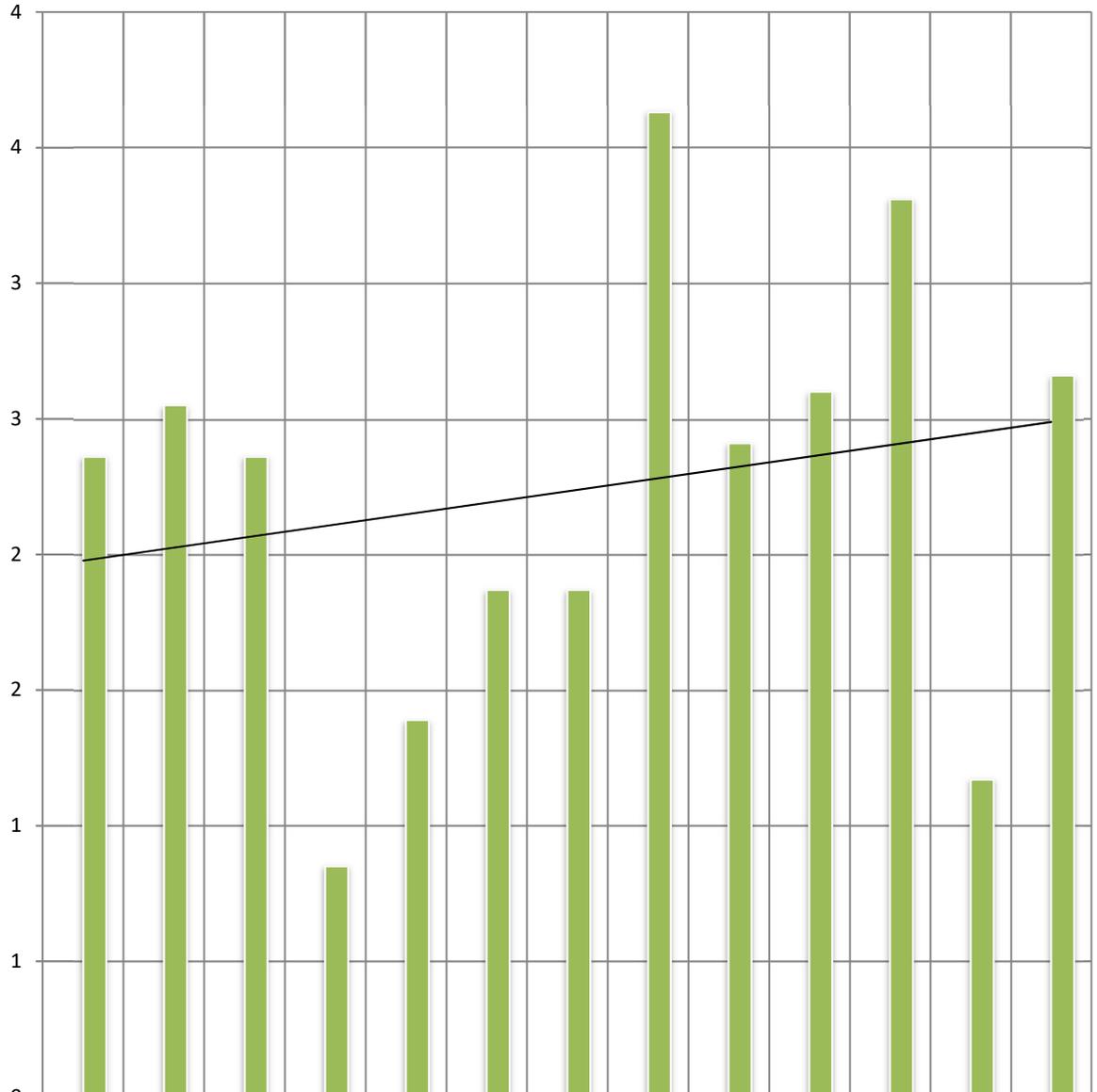
**Table 17 - Hours of Physical Holds (Restraint) Use, Monthly Totals for Past Year**

ABV	Total	Aug_18	Sep_18	Oct_18	Nov_18	Dec_18	Jan_19	Feb_19	Mar_19	Apr_19	May_19	Jun_19	Jul_19
CLA	6.71	0.69	0.75	0.67	0.38	0.21	0.88	1.27	0.51	0.46	0.13	0.14	0.63
DAN	5.96	0.43	0.14	0.05	0.25	0.17	0.82	0.93	0.39	0.08	0.18	0.53	1.99
NOR	8.51	1.07	0.52	0.24	0.51	0.52	0.39	0.18	0.54	1.36	1.23	0.95	0.99
TOR	12.37	1.40	2.52	0.10	0.77	0.78	0.43	1.28	0.90	0.92	0.72	1.45	1.10
WAR	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00
WER	2.89	0.10	0.02	0.13	0.05	0.30	0.45	0.30	0.18	0.27	0.78	0.01	0.30
Total	36.78	3.70	3.96	1.19	1.96	1.99	2.96	3.96	2.51	3.08	3.39	3.08	5.00

**Table 18 - Number of Physical Holds (Restraint) Events, Monthly Totals for Past Year**

ABV	Total	Aug_18	Sep_18	Oct_18	Nov_18	Dec_18	Jan_19	Feb_19	Mar_19	Apr_19	May_19	Jun_19	Jul_19
CLA	103	14	7	11	12	4	9	17	6	9	5	3	6
DAN	130	10	7	3	13	18	21	16	10	3	5	10	14
NOR	426	29	34	23	29	38	26	14	35	42	43	47	66
TOR	105	6	8	2	11	8	6	13	7	7	8	20	9
WAR	1	0	0	0	0	0	0	0	0	0	1	0	0
WER	70	4	3	9	3	8	7	7	5	5	10	1	8
Total	835	63	59	48	68	76	69	67	63	66	72	81	103

Total Hours by Month



	J-18	A-18	S-18	O-18	N-18	D-18	J-19	F-19	M-19	A-19	M-19	J-19	J-19
■ Mechanical Restraint	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
■ Physical Restraint	2.36	2.55	2.36	0.85	1.39	1.87	1.87	3.63	2.41	2.6	3.31	1.17	2.66

■ Mechanical Restraint    ■ Physical Restraint    — Linear (Mechanical Restraint)    — Linear (Physical Restraint)

**Assaults**

Assaults within the state hospital system are defined as any aggressive act by a patient, involving physical contact that may or may not result in injury. Assaults can be directed at a peer, staff or any other individual. The system was designed to require an incident report (form SI-815) on any patient involved in a physical altercation regardless of who may have started the assault. Therefore, every patient-to-patient altercation will result in at least two incident reports.

**Table 19 - Patient-to-Patient Assaults by Unit, All Levels of Care**

ABV	WARD	Cnt		ABV	WARD	Cnt		ABV	WARD	Cnt
NOR	01C2	34		TOR	FC2	7		DAN	310	2
NOR	51A2	32		WAR	3NM	7		NOR	10E1	2
WAR	3SW	32		NOR	51C2	6		CLA	2	2
NOR	10D1	30		DAN	211	6		SMO	3B	2
DAN	212	22		WER	37-2	6		SMO	5A	2
NOR	51B1	21		TOR	014	5		SMO	6A	2
NOR	10D2	18		NOR	01C1	5		WAR	2SW	2
NOR	51A1	16		TOR	013	5		WAR	3IF	2
NOR	01A2	12		NOR	10E2	4		WER	34-4	2
NOR	51B2	12		WAR	3IM	4		NOR	51C1	2
WER	35-2	9		TOR	024	3		DAN	312	1
WER	37-1	8		WAR	2NM	3		TOR	FB4	1
NOR	01A1	8		WER	35-4	3		DAN	210	1
WER	34-3	7		CLA	7	2		WER	35-3	1
TOR	011	7		CLA	5	2				

**Table 20 - Rate of Patient-to-Patient Assaults Events with Patient Injury per 1,000 Days-of-Care**

Pt.-to-Pt. Assault w/ any Injury	Civil							Forensic			S RTP
	Cla	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Jul-18	0.74	0.20	3.82	1.05	0.69	0.90	1.05	3.53	0.34	2.44	0.00
Aug-18	0.19	0.61	0.95	0.83	2.05	1.69	1.08	2.12	1.00	1.73	0.00
Sep-18	0.77	1.48	3.88	1.98	1.65	1.36	1.68	2.94	0.34	2.03	0.00
Oct-18	0.57	0.82	2.54	1.51	0.23	0.66	0.94	0.54	0.33	0.46	0.00
Nov-18	0.99	2.10	1.64	2.92	0.97	0.82	1.50	2.01	1.34	1.77	0.00
Dec-18	0.38	1.22	2.54	1.07	0.92	1.70	1.27	2.69	0.00	1.74	0.00
Jan-19	0.79	1.22	1.90	1.29	3.17	0.92	1.44	3.16	1.31	2.51	0.00
Feb-19	0.22	2.07	2.81	2.19	0.70	1.31	1.45	2.95	2.23	2.71	0.00
Mar-19	0.21	0.81	1.28	1.13	1.33	0.65	0.85	4.74	0.00	3.28	0.00
Apr-19	1.08	1.06	2.62	1.85	0.69	1.32	1.36	3.78	1.36	3.06	0.00
May-19	0.21	0.61	3.38	1.12	0.68	1.26	1.11	3.83	0.66	2.90	1.18
Jun-19	0.22	1.27	2.81	0.92	0.71	1.16	1.11	4.43	0.00	3.15	0.00
Jul-19	0.64	1.24	3.91	0.66	1.38	1.51	1.45	5.10	0.66	3.81	0.00

**Table 21 - Patient-to-Staff Assault Events by Unit, All Levels of Care**

ABV	WARD	Cnt		ABV	WARD	Cnt		ABV	WARD	Cnt
DAN	212	14		TOR	014	2		NOR	10E1	1
NOR	51A2	9		WAR	3NM	2		SMO	3B	1
NOR	51B2	6		WER	37-1	2		WER	34-4	1
WAR	3SW	4		WAR	2NM	2		CLA	2	1
TOR	011	4		NOR	01C1	2		WER	34-2	1
DAN	311	3		NOR	10D1	2		WER	37-2	1
NOR	51C1	3		NOR	51B1	1		SMO	5A	1
TOR	FC1	2		DAN	211	1		TOR	024	1
CLA	3	2		DAN	310	1		TOR	FB4	1
TOR	FB3	2		WER	35-2	1		NOR	51A1	1
DAN	210	2		DAN	312	1				

**Table 22 - Rate of Patient-to-Staff Assault Events with Injury to Staff per 1,000 Days-of-Care**

Pt/Staff Assault w/ Staff Inj per 1K days	Civil							Forensic			S RTP
	Cl	Dan	Nor	Tor	War	Wer	Tot.	Nor	Tor	Tot.	S RTP
Jul-18	0.00	0.41	0.64	1.26	1.15	1.16	0.79	0.71	0.00	0.46	0.00
Aug-18	0.56	1.41	1.58	0.62	1.82	1.01	1.12	0.53	0.00	0.35	0.00
Sep-18	0.19	0.21	0.32	0.22	2.36	0.68	0.65	0.55	1.02	0.72	0.00
Oct-18	0.38	0.61	0.32	1.73	0.93	0.66	0.77	0.54	0.33	0.46	0.00
Nov-18	0.40	0.42	0.33	0.00	3.65	0.82	0.90	0.55	0.33	0.47	0.00
Dec-18	0.96	0.61	0.32	0.21	1.38	0.79	0.74	1.25	0.33	0.93	0.59
Jan-19	0.59	1.22	0.32	0.86	0.45	0.00	0.54	0.35	0.33	0.34	0.00
Feb-19	0.67	0.46	0.35	1.22	0.93	0.73	0.74	0.00	0.00	0.00	0.65
Mar-19	0.21	0.00	0.00	0.23	0.00	0.52	0.20	0.46	0.00	0.32	0.65
Apr-19	1.30	0.00	1.31	0.46	0.69	0.53	0.66	0.15	0.34	0.20	0.00
May-19	0.00	0.20	0.31	0.67	0.45	0.51	0.37	0.82	0.00	0.58	0.59
Jun-19	0.43	0.63	0.31	0.23	0.24	0.52	0.42	0.69	0.68	0.69	0.00
Jul-19	0.21	0.41	0.00	0.22	0.46	0.25	0.27	0.67	0.66	0.67	0.57

**Table 23 - Risk Adjusted Safety Indicators**

Jul-19	Civil							Forensic					
Month	Cla	Dan	Nor	Tor	War	Wer	C. Tota	Nor	Tor	F. Total	LTC	SRTP	System
Patient Days	4681	4857	3324	4559	4345	7925	29691	7457	3040	10497	4236	1767	46191
Census	149	156	108	150	145	257	965	240	98	338	136	60	1499
<b>Safety Indicators</b>													
Type 1 Falls (count)	6	3	4	5	2	17	37	2	0	2	7	1	47
Num Per 1,000 Pt Days	1.28	0.62	1.20	1.10	0.46	2.15	1.25	0.27	0.00	0.19	1.65	0.57	1.02
Total Falls (count)	20	27	18	12	31	51	159	8	5	13	12	3	187
Num Per 1,000 Pt Days	4.27	5.56	5.42	2.63	7.13	6.44	5.36	1.07	1.64	1.24	2.83	1.70	4.05
PT:PT Assaults w/Injury(count)	3	6	13	3	6	12	43	38	2	40	0	0	83
Num Per 1,000 Pt Days	0.64	1.24	3.91	0.66	1.38	1.51	1.45	5.10	0.66	3.81	0.00	0.00	1.80
Total PT:PT Assault Events (count)	6	32	59	20	50	36	203	121	8	129	6	0	338
Num Per 1,000 Pt Days	1.28	6.59	17.75	4.39	11.51	4.54	6.84	16.23	2.63	12.29	1.42	0.00	7.32
PT:Staff Assaults w/Injury(count)	1	2	0	1	2	2	8	5	2	7	0	1	16
Num Per 1,000 Pt Days	0.21	0.41	0.00	0.22	0.46	0.25	0.27	0.67	0.66	0.67	0.00	0.57	0.35
Total PT:Staff Assault Events (count)	3	22	2	7	8	6	48	23	5	28	2	0	78
Num Per 1,000 Pt Days	0.64	4.53	0.60	1.54	1.84	0.76	1.62	3.08	1.64	2.67	0.47	0.00	1.69
SIB Events (count)	8	21	3	7	33	27	99	7	5	12	0	1	112
Num Per 1,000 Pt Days	1.71	4.32	0.90	1.54	7.59	3.41	3.33	0.94	1.64	1.14	0.00	0.57	2.42
Total Physical Restraint Hours	0.20	0.27	0.14	0.42	0	0.15	1.17	0.81	0.53	1.3396		0.15	2.66
Num Per 1,000 Pt Days	0.04	0.06	0.04	0.09	0.00	0.02	0.04	0.11	0.18	0.13		0.08	0.06
<b>Medication Measures</b>													
Benzodiazepines	88	73	68	75	74	84	462	16	15	31		8	501
Percentage of Census	0.59	0.47	0.63	0.50	0.51	0.33	0.48	0.07	0.15	0.09		0.13	0.33
Multiple Atypicals	19	34	7	42	54	53	209	16	18	34		0	243
Percentage of Census	0.13	0.22	0.06	0.28	0.37	0.21	0.22	0.07	0.18	0.10		0.00	0.16
Typical- Atypical	32	46	48	50	33	124	333	58	38	96		0	429
Percentage of Census	0.21	0.29	0.44	0.33	0.23	0.48	0.35	0.24	0.39	0.28		0.00	0.29

### Wellness Indicators

The National Association of State Mental Health Program Directors (NASMHPD) issued a report in October 2006 about mortality and morbidity in people with serious mental illness (SMI). According to Mental Health America's *Survey of People with Schizophrenia*

and Providers ([www.mentalhealthamerica.net](http://www.mentalhealthamerica.net)), the NASMHPD report revealed that people with SMI die on average 25 years earlier than the general population. The major natural causes of death for people with SMI are heart disease, diabetes, respiratory disease and infectious disease. Many of the risk factors for these diseases are modifiable. Beginning June 2008, the state began compiling and comparing data on the number of tobacco users (Table 24) in our state hospitals.

**Table 24 - Tobacco Users on Last Day of Month Civil and Long Term Care**

Month	Tobacco Users	CLA	DAN	NOR	TOR	WAR	WER	Civil Total	LTC	System Total
Aug-18	Total Users	0	45	25	50	74	0	194	10	204
	% of Census	0%	28%	25%	32%	52%	0%	20%	7%	14%
Dec-18	Total Users	0	0	0	0	0	0	0	10	10
	% of Census	0%	0%	0%	0%	0%	0%	0%	7%	1%
Apr-19	Total Users	0	0	0	0	0	0	0	9	9
	% of Census	0%	0%	0%	0%	0%	0%	0%	7%	1%
Jul-19	Total Users	0	0	0	0	0	0	0	9	9
	% of Census	0%	0%	0%	0%	0%	0%	0%	7%	1%

**Between July 2018 and December 2018 all six State Mental Hospitals became tobacco free campuses.**

**Table 25 - Reasons for Hospitalizations as the Result of an Incident, All Levels of Care**

The Risk Management System requires that an incident report form be completed anytime a person is transported from a state hospital to an acute care hospital. This includes if the person was only seen in the emergency room, received diagnostic tests and/or was actually admitted. It does **not** include hospitalizations for a preplanned procedure, test or surgery.

Cause	CLA	DAN	NOR	TOR	WAR	WER	Count
Aggression				1		1	2
Assault, Pt./Pt		1	3				4
Assault, Pt./Staff		1					1
Change in Medical Status-Transferred	5	9	9	3	2	8	36
Fall Type 1-Injury with treatment			1	1	1	1	4
Fall Type 2-No treatment needed		1					1
Indeterminate/Unconfirmed Cause of Injury		1					1
Other		1					1
Self-Injurious behavior	1	4				3	8
Totals	6	18	14	4	3	13	58

**Medication Measures**

Beginning in September 2008 the OMHSAS Bureau of Community and Hospital Operations identified the following three medication measures for inclusion in this monthly report. The table information is compiled from the QS1 pharmacy software and reflects the unique count of the number of people served at each hospital on the last day of the month for each measure.

**Table 26 - Benzodiazepines**

**Measure Definition:** *Benzodiazepines refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for any benzodiazepine medication on the last day of each month.*

BZD M/Y								Forensic			SRTP	Sys
	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Sep-18	98	67	64	59	81	75	444	18	10	28	8	480
Dec-18	103	63	68	62	82	79	457	19	10	29	10	496
Mar-19	104	73	67	50	78	79	451	15	8	23	8	482
Jul-19	88	73	68	75	74	84	462	16	15	31	8	501

**Table 27 - Multiple Atypicals**

**Measure Definition:** *Multiple Atypicals refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for two or more atypical antipsychotic medications on the last day of each month.*

Multiple Atypicals M/Y								Forensic			SRTP	Sys
	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Sep-18	9	37	6	58	43	49	202	12	8	20	0	222
Dec-18	9	39	6	52	43	52	201	16	9	25	0	226
Mar-19	11	43	5	48	50	51	208	15	15	30	0	238
Jul-19	19	34	7	42	54	53	209	16	18	34	0	243

**Table 28 - Typical-Atypical**

**Measure Definition:** *Typical-Atypicals refers to the number of unique patients served at each hospital, by level-of-care, who have an active, straight order for a typical and an atypical antipsychotic medication on the last day of each month.*

Typical - Atypical M/Y								Forensic			SRTP	Sys
	Cla	Dan	Nor	Tor	War	Wer	Total	Nor	Tor	Cnt	Tor	Total
Sep-18	20	64	55	51	22	118	330	54	27	81	0	411
Dec-18	13	62	39	50	31	123	318	57	29	86	0	404
Mar-19	30	63	54	53	33	114	347	62	25	87	0	434
Jul-19	32	46	48	50	33	124	333	58	38	96	0	429

**Table 29 - STAT Medication Usage – Civil**

**Measure Definition:** STAT medication are counted as psychiatric medications that have been administered. If two STAT medications are administered, it is counted as one event. Each STAT medication event is documented by “Route of Administration” and “Requested by”. This measure includes all levels of care.

CLARKS SUMMIT (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	PEG Tube:	Indv	MD/DO	RN
Jul-19	78	55	17	6	48	18	12

DANVILLE (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/OD	RN
Jul-19	176	79	97	0	38	0	138

NORRISTOWN - CIVIL (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Jul-19	70	26	43	1	8	4	58

TORRANCE - CIVIL (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Jul-19	108	40	68	0	15	31	62

WARREN (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube	Indv	MD/DO	RN
Jul-19	112	49	48	15	18	24	70

WERNERSVILLE (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Jul-19	109	91	18	0	34	53	22

**Table 30 - STAT Medication Usage – Forensic**

NORRISTOWN - FORENSIC (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Jul-19	467	155	305	7	76	98	293

TORRANCE - FORENSIC (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Jul-19	82	37	45	0	15	21	46

**Table 31 - STAT Medication Usage – ACT 21 (SRTP)**

TORRANCE - ACT 21 (FY 2019-20)							
Month	Total Number of STATs	Route of Admin			Requested by:		
		PO	IM	Peg Tube:	Indv	MD/DO	RN
Jul-19	4	3	1	0	2	1	1